

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHODS FOR IDENTIFYING INHIBITORS OF GADD45 POLYPEPTIDE ACTIVITY, AND INHIBITORS OF SUCH ACTIVITY** the specification of which _____ is attached hereto or X was filed on March 24, 2000 as Application No. 09/534,811 and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/126,069	March 25, 1999

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

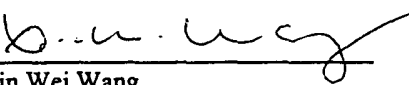

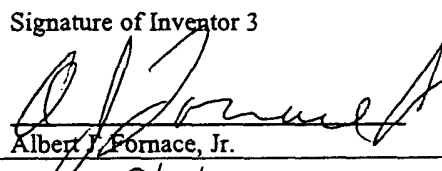


POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert Benson, Reg. No. 33,612
Steven M. Ferguson, Reg. No. 38,448
James C. Haight, Reg. No. 25,588
John P. Kim, Reg. No. 38,514

Susan S. Rucker, Reg. No. 35,762
David R. Sadowski, Reg. No. 32,808
Jack Spiegel, Reg. No. 34,477

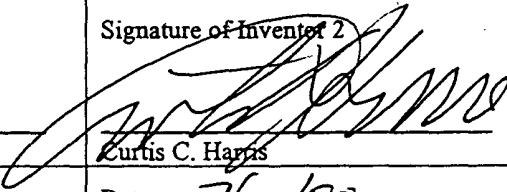
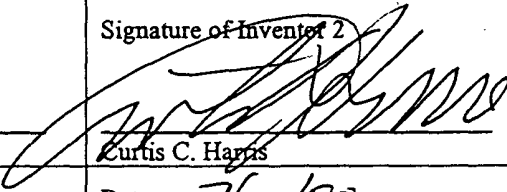
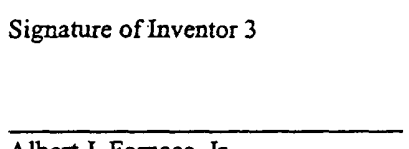


Full Name of Inventor 1:	Last Name: WANG	First Name: XIN WEI	Middle Name or Initial:	
Residence & Citizenship:	City: Rockville	State/Foreign Country: Maryland	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 11409 Crownwood Lane	City: Rockville	State/Country: Maryland	Postal Code: 20850
Full Name of Inventor 2:	Last Name: HARRIS	First Name: CURTIS	Middle Name or Initial: C.	
Residence & Citizenship:	City: Garrett Park	State/Foreign Country: Maryland	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 4720 Waverly	City: Garrett Park	State/Country: Maryland	Postal Code: 20896
Full Name of Inventor 3:	Last Name: FORNACE, JR.	First Name: ALBERT	Middle Name or Initial: J.	
Residence & Citizenship:	City: Bethesda	State/Foreign Country: Maryland	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 9008 Kirkdale Road	City: Bethesda	State/Country: Maryland	Postal Code: 20817
Full Name of Inventor 4:	Last Name: COURSEN	First Name: JILL	Middle Name or Initial: D.	
Residence & Citizenship:	City: Boston	State/Foreign Country: Massachusetts	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 121 Beach Street	City: Boston	State/Country: Massachusetts	Postal Code: 02111
Full Name of Inventor 5:	Last Name: ZHAN	First Name: QIMIN	Middle Name or Initial:	
Residence & Citizenship:	City: Pittsburgh	State/Foreign Country: Pennsylvania	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 5830 Elwood Street, #24	City: Pittsburgh	State/Country: Pennsylvania	Postal Code: 15232

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Xin Wei Wang Date 8/9/2000	Signature of Inventor 2  Curtis C. Harris Date	Signature of Inventor 3  Albert J. Fornace, Jr. Date 8/2/2000
Signature of Inventor 4  Jill D. Coursen Date	Signature of Inventor 5  Qimin Zhan Date	

Full Name of Inventor 1:	Last Name: WANG	First Name: XIN WEI	Middle Name or Initial:	
Residence & Citizenship:	City: Rockville	State/Foreign Country: Maryland	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 11409 Crownwood Lane	City: Rockville	State/Country: Maryland	Postal Code: 20850
Full Name of Inventor 2:	Last Name: HARRIS	First Name: CURTIS	Middle Name or Initial: C.	
Residence & Citizenship:	City: Garrett Park	State/Foreign Country: Maryland	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 4720 Waverly	City: Garrett Park	State/Country: Maryland	Postal Code: 20896
Full Name of Inventor 3:	Last Name: FORNACE, JR.	First Name: ALBERT	Middle Name or Initial: J.	
Residence & Citizenship:	City: Bethesda	State/Foreign Country: Maryland	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 9008 Kirkdale Road	City: Bethesda	State/Country: Maryland	Postal Code: 20817
Full Name of Inventor 4:	Last Name: COURSEN	First Name: JILL	Middle Name or Initial: D.	
Residence & Citizenship:	City: Boston	State/Foreign Country: Massachusetts	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 121 Beach Street	City: Boston	State/Country: Massachusetts	Postal Code: 02111
Full Name of Inventor 5:	Last Name: ZHAN	First Name: QIMIN	Middle Name or Initial:	
Residence & Citizenship:	City: Pittsburgh	State/Foreign Country: Pennsylvania	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 5830 Elwood Street, #24	City: Pittsburgh	State/Country: Pennsylvania	Postal Code: 15232

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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		
Xin Wei Wang	Curtis C. Harris	Albert J. Fornace, Jr.
Date	Date 7/21/00	Date
Signature of Inventor 4	Signature of Inventor 5	
		
Jill D. Coursen	Qimin Zhan	
Date	Date	

Full Name of Inventor 1:	Last Name: WANG	First Name: XIN WEI	Middle Name or Initial:	
Residence & Citizenship:	City: Rockville	State/Foreign Country: Maryland	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 11409 Crownwood Lane	City: Rockville	State/Country: Maryland	Postal Code: 20850
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
<u>Xin Wei Wang</u>	<u>Curtis C. Harris</u>	<u>Albert J. Fornace, Jr.</u>
Date	Date	Date
Signature of Inventor 4	Signature of Inventor 5	
<u>Jill D. Coursen</u>	<u>Qimin Zhan</u>	
Date <u>7-31-2000</u>	Date	

Full Name of Inventor 1:	Last Name: WANG	First Name: XIN WEI	Middle Name or Initial:	
Residence & Citizenship:	City: Rockville	State/Foreign Country: Maryland	Country of Citizenship: United States	
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
<u>Xin Wei Wang</u>	<u>Curtis C. Harris</u>	<u>Albert J. Fornace, Jr.</u>
Date	Date	Date
Signature of Inventor 4	Signature of Inventor 5	
<u>Jill D. Coursen</u>	<u>Qimin Zhan</u>	
Date	Date <u>8/9/00</u>	



015230-367100US
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

LJ Hyman



101480850A

NOVEMBER 27, 2000

PTAS
TOWNSEND AND TOWNSEND AND CREW LLP
LAURENCE J. HYMAN
TWO EMBARCADERO CENTER, 8TH FLOOR
SAN FRANCISCO, CA 94111-3834

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/14/2000

REEL/FRAME: 011123/0465
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WANG, XIN WEI

DOC DATE: 08/09/2000

ASSIGNOR:

HARRIS, CURTIS C.

DOC DATE: 07/21/2000

ASSIGNOR:

FORNACE, ALBERT J., JR.

DOC DATE: 08/02/2000

ASSIGNOR:

COURSEN, JILL D.

DOC DATE: 07/11/2000

ASSIGNOR:

ZHAN, QIMIN

DOC DATE: 08/09/2000

TOWNSEND & TOWNSEND
& CREW
00 DEC 11 AM 11:16

ASSIGNEE:

HEALTH AND HUMAN SERVICES, UNITED
STATES OF AMERICA, AS
REPRESENTED BY THE SECRETARY THE
6011 EXECUTIVE BOULEVARD
NATIONAL INSTITUTES OF HEALTH;
OFFICE OF TECHNOLOGY TRANSFER
ROCKVILLE, MARYLAND 20852

SERIAL NUMBER: 09534811
PATENT NUMBER:

FILING DATE: 03/24/2000
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-06-2000



Attor. , Docket No. 015280-367100US

FORM PTO-1595
(Rev. 6-93)

101480850

at U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Xin Wei Wang
Curtis C. Harris
Albert J. Fornace, Jr.
Jill D. Coursen
Qimin ZhanAdditional name(s) of conveying parties attached? ☐ Yes☒ No.

8-14-00

2. Name and address of receiving party(ies)

Name: THE GOVERNMENT OF THE UNITED STATES OF
AMERICA as represented by the Secretary of the Department of
Health and Human ServicesInternal Address: National Institutes of Health
Office of Technology Transfer

Street Address: 6011 Executive Boulevard

City: Rockville State: MD ZIP: 20852

Additional names and addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other:Execution Dates: 8/09/00, 7/21/00, 8/02/00, 7/31/00, and
8/09/00, respectively.

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 09/534,811

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Laurence J. Hyman
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00

☐ Enclosed ☒ Charge Fees to Deposit Account☒ Charge any additional fees associated with this paper or during
the pendency of this application, or credit any overpayment, to
deposit account.

8. Deposit account number: 20-1430

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the
original document.*Laurence J. Hyman
Name of Person Signing

Signature

Date

Atty Reg. No. 35,551

Total number of pages including cover sheet, attachments and document 8

10. Change Correspondence Address to that of Part 5? ☐ Yes ☒ No

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

10/06/2000 MTHAI1 00000054 201430 09534811

01 EC:581 40.00 CH

SF 1109189 v1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, We, Xin Wei Wang, of 11409 Crownwood Lane, Rockville, MD 20850, Curtis C. Harris, of 4720 Waverly, Garrett Park, MD 20896, Albert J. Fornace, Jr., of 9008 Kirkdale Road, Bethesda, MD 20817, Jill D. Coursen, of 121 Beach Street, Boston, MA 02111, Qimin Zhan, of 5830 Elwood Street, #24, Pittsburgh, PA 15232, employees of the Department of Health and Human Services at the time the invention was made, have invented METHODS FOR IDENTIFYING INHIBITORS OF GADD45 POLYPEPTIDE ACTIVITY, AND INHIBITORS OF SUCH ACTIVITY, for which an application to the Assistant Commissioner for Patents for grant of Letters Patents of the United States of America has been executed by the undersigned

- ☒ on (date(s) Declaration signed): 8/9/00, 7/21/00, 8/2/00, 7/31/00, and 8/9/00, respectively
- ☒ is identified as U.S. Patent Application:
Serial No. 09/534,811;

Filed March 24, 2000; and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States of America; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign, and transfer unto The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and his successors, the full and exclusive right, title, and interest throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file the invention described in the aforesaid application for Letters Patent of the United States of America, and all Letters Patents and Registrations which may be granted on the same in the United States of America and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

AND, we hereby authorize and request the Assistant Commission for Patents to issue said Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest in and to the same throughout the United States of America, its territories and dependencies, and within each and every

foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or terms for which said Letters Patent and Registrations may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof which may be granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters Patent which will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States of America and foreign countries, and to furnish and deliver to the Secretary, Department of Health and Human Services, upon request, all data and documents, and to execute any papers which may be necessary for the prosecution of any application or applications of Letters Patent or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, and we shall assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

The undersigned hereby grants THE GOVERNMENT or the law firm of Townsend and Townsend and Crew LLP, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 8/9/2000

Xin Wei Wang
Xin Wei Wang

STATE OF MD)
COUNTY OF Montgomery) ss.
UNITED STATES OF AMERICA

On August 9, 2000, before me, Almaz Lulseged, personally appeared Xin Wei Wang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Almaz Lulseged
ALMAZ LULSEGED
NOTARY PUBLIC
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires: My Commission Expires March 5, 2002

Dated: _____

Curtis C. Harris

STATE OF _____)
COUNTY OF _____) ss.
UNITED STATES OF AMERICA

On _____, before me, _____, personally appeared Curtis C. Harris, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: _____

Xin Wei Wang

STATE OF)
)
COUNTY OF) ss.

UNITED STATES OF AMERICA

On _____, before me, _____, personally appeared Xin Wei Wang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

NOTARY PUBLIC

My Commission Expires:

Dated: _____

~~Curtis C. Harris~~

STATE OF MD)
COUNTY OF Montgomery) ss.

UNITED STATES OF AMERICA

On July 21, 2000, before me, Almaz Lulseged, personally appeared Curtis C. Harris, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

NOTARY PUBLIC

My Commission Expires: ALMAZ IULSEGED
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 5, 2002

Dated: 8/2/00

Albert J. Fornace
Albert J. Fornace

STATE OF Maryland)
COUNTY OF Montgomery) ss.

UNITED STATES OF AMERICA

On August 2, 2000, before me, Ann Schombert, Notary, personally appeared Albert J. Fornace, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Ann Schombert
NOTARY PUBLIC

My Commission Expires: Oct 1, 2001

Dated: _____

Jill D. Coursen

STATE OF _____)
COUNTY OF _____) ss.

UNITED STATES OF AMERICA

On _____, before me, _____, personally appeared Jill D. Coursen, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: _____

Albert J. Fornace

STATE OF)
)
COUNTY OF) ss.

UNITED STATES OF AMERICA

On _____, before me, _____, personally appeared Albert J. Fornace, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: 7-31-2000

Jill D. Coursen
Jill D. Coursen

STATE OF)
)
COUNTY OF) ss.

UNITED STATES OF AMERICA

On JULY 31, 2000, before me, Bonnie A. Petka, personally appeared Jill D. Coursen, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Bonnie A. Petka
NOTARY PUBLIC

My Commission Expires: 10/23/03

Dated: 8/9/2000


Qimin Zhan

STATE OF PA)
COUNTY OF Allegh)

ss.

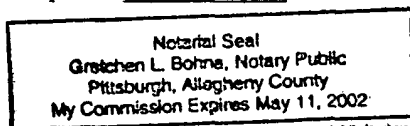
UNITED STATES OF AMERICA

On 9, before me, August, personally
appeared Qimin Zhan, personally known to me (or proved to me on the basis of satisfactory
evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


NOTARY PUBLIC

My Commission Expires: _____



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Member, Pennsylvania Association of Notaries